

NFS-320C

Intelligent Addressable Fire Alarm System

General

The NFS-320C Intelligent Fire Alarm Control Panel is part of the ONYX® Series of Fire Alarm Controls from NOTIFIER.

In stand-alone or network configurations, ONYX Series products meet virtually every application requirement.

The NFS-320C's modular design makes system planning easier. The panel can be configured with just a few devices for small building applications, or networked with many devices to protect a large campus or a high-rise office block. Simply add additional peripheral equipment to suit the application. For example, certain geographic regions, such as Canada, have specific LED annunciation requirements. To provide up to 48 zones/points in the same cabinet, add an optional ACM Series annunciation (sold separately).

Features

- Listed to Standard ULC-S527-11.
- Certified for seismic applications when used with the appropriate seismic mounting kit.
- Approved for marine applications when used with listed compatible equipment. See DNH-00888.
- One isolated intelligent Digital Communications Loop (DCL) Style 4, 6 or 7.
- Up to 150 detectors and 150 modules per SLC; 318 devices maximum.
 - Detectors can be any mix of ion, photo, thermal, or multi-sensor.
 - Modules include addressable pull stations, normally open contact devices, two-wire smoke detectors, notification, or relay.
- Standard 80-character display.
- Network options:
 - High-speed network for up to 200 nodes (NFS2-3030, NFS2-640, NFS-3204C1, NFS-3205SYS, NCA-2, DVC-EM, ONYXWorks, NFS-3030, NFS-640, and NCA).
 - Standard network for up to 100 nodes (NFS2-3030, NFS2-640, NFS-3204C1, NFS-3205SYS, NCA-2, DVC-EM, ONYXWorks, NCSL, NFS-3030, NFS-640, NCA, APP-200, APP-300400, APP-1010, and APP30030). Up to 64 nodes when DVC-EM is used in network paging.
- 6.0 A power supply with four Class A/B built-in Notification Appliance Circuits (NACs), Selectable System Silence, S, or General strobe synchronization.
- Built-in Alarm, Trouble, Security, and Supervisory relays.
- VeriFire® Tools online or offline programming utility. Upload/Download, save, store, check, compare, and simulate panel databases. Upgrade panel firmware.
- Autoprogramming and Walk Test reports.
- Optional universal 318-point DACT.
- 80-character remote annunciations (up to 32).
- EDIA-485 annunciations, including custom graphics.
- Printer interface (80-column and 40-column printers).
- History file with 800-event capacity in nonvolatile memory, plus separable 200-event alarm-only file.
- Alarm Verification selection per point, with automatic counter.
- Presignal/Positive Alarm Sequence (PAS).
- Silence inhibit and Auto-Silence timer options.



Intelligent Fire Alarm Control Panels



NFS-320C

- March time / temporal / Canadian two-stage coding, 20 ppm and temporal / strobe synchronization.
- Field-programmable on panel or on PC, with VeriFire Tools program check, compare, simulate.
- Full QWERTY keypad.
- Battery charger supports 18 – 210 AH batteries.
- Non-alarm points for lower priority functions.
- Remote ACM/Signal Silence/System Reset/Drill via monitor modules.
- Automatic time control functions, with holiday exceptions.
- Surface Mount Technology (SMT) electronics.
- Extensive, built-in transient protection.
- Powerful Boolean logic equations.

FLASHSCAN® INTELLIGENT FEATURES

- Polls up to 318 devices in less than two seconds.
- Activates up to 150 outputs in less than five seconds.
- Multidirectional LEDs blink device address during Walk Test.
- Fully digital, high-precision protocol (U.S. Patent 5,539,349).
- Manual sensitivity adjustment — up to nine levels (see individual device information for available settings).
- Pre-alarm ONYX intelligent sensing — up to nine levels.
- Day/night automatic sensitivity adjustment.
- Sensitivity windows:
 - Ion – 0.5 to 2.5%/foot obscuration.
 - Photo – 0.5 to 2.35%/foot obscuration.
 - Laser (VIEW®) – 0.02 to 2.0%/foot obscuration.
 - Accutime Plus™ – 0.5 to 4.0%/foot obscuration.
 - IntelliQuad – 1.0 to 4.0%/foot obscuration.
 - IntelliQuad™ PLUS – 1.0 to 4.0%/foot obscuration.
- Drift compensation (U.S. Patent 5,764,142).
- Degraded mode: In the unlikely event that the FACP's microprocessor fails, FlashScan detectors revert to degraded operation and can activate the NAC circuits and alarm relay. Each

Notifier 320 Fire Alarm Panel Installation Manual

Sabine Zange

Notifier 320 Fire Alarm Panel Installation Manual:

Consulting-specifying Engineer ,2007 Thomas Register of American Manufacturers ,2002 This basic source for identification of U S manufacturers is arranged by product in a large multi volume set Includes Products services Company profiles and Catalog file *Thomas Register of American Manufacturers and Thomas Register Catalog File* ,2002 Vols for 1970 71 includes manufacturers catalogs *Safety Maintenance* ,1963 Thomas Grocery Register ,1985 **Fire Engineering** ,1955 **Kompass** ,2002 *NFPA Pocket Guide to Fire Alarm and Signaling System Installation* Merton W. Bunker Jr.,2009-12-18 Official Fire Alarm Manual of Installation and Maintenance Procedures International Municipal Signal Association,1972 **Modern burglar & fire alarm installation manual** ,1973 *NFPA Pocket Guide to Fire Alarm System Installation* Merton W. Bunker, Jr.,Richard J. Roux,2006 Fully updated to reflect the provisions of the 2007 National Fire Alarm Code NFPA 72 and the 2005 National Electrical Code NFPA 70 this brand new edition provides all the information you need to design install or maintain fire alarm systems It has been reorganized to follow the order of topics presented within the NAFC and includes updated requirements for power supplies survivability and spacing of detectors and notification appliances **NTC Brown Book** Charles Aulner,Bryan McLane,2005 *Design and Application of Security/fire-alarm Systems* John E. Traister,1990 A revision of the highly popular guide to the design and installation of security and fire alarm systems in residential commercial and industrial buildings The book covers how to methods for equipment selection system design cost estimating system installation and troubleshooting Designed for quick reference and on the job use it includes scores of diagrams drawings and photographs to illustrate every design and installation procedure *Fire Alarm and Communication Systems* Richard Bukowski,Richard L. P. Custer,Richard G. Bright,1978 **Manual Fire Alarm Stations ; Guard Patrol Stations** Notifier Company,1972 Fire Alarm Systems Canadian Fire Alarm Association,1999 *Fire Alarm Systems : a Reference Manual* Canadian Fire Alarm Association,1986 **The Design, Installation, Commissioning and Maintenance of Fire Detection and Fire Alarm Systems** British Standards Institute Staff,2008-09-15 Fire alarms Fire detectors Alarm systems Fire safety in buildings Fire safety Buildings Design Installation Maintenance Classification systems Circuits Electric wiring systems Compatibility Warning devices Signal devices Sound generators Automatic control systems Manual control systems Fire compartments Position Smoke detectors Means of escape from fire in buildings Electric power systems Electric cables Radio links Inspection Electrical safety Communication networks Technical documents Visual signals Commissioning **Fire Alarm Design Guide** Jolie Group Engineering,2016-10-27 Do you want to know what are the details and secrets of fire alarm quickly if you don t have time to study and make searches for months or even for years Did you get tired from searching and you have no experience in the fire alarm field and want to know how to design and install a fire alarm system Are you going to work in a fire alarm systems installation company and you have limited or have no experience You should then learn the steps of Getting all information about fire alarm system

parts and their theory of operation How to design a fire alarm system How to install a fire alarm system How to test and maintain a fire alarm system You will find all the information you need in this eBook FIRE ALARM DESIGN GUIDEWe will talk about Fire alarm system components and parts Heat detection parts methods Smoke detection parts methods Flame Detectors Fire alarm notification devices Conventional fire alarm system Addressable fire alarm system Comparison between conventional addressable fire alarm systems Design of Spacing and Placing of Fire Alarm System Parts Errors in installation and recommendations Detection type selection recommendations and applications Types and specifications of fire alarm cables Fire Alarm system infrastructure Ordinary cables systems Cabling and basic electricity design IP network fire alarm system Cables installation recommendations Wireless fire alarm systems Hybrid fire alarm systems Tools for testing fire alarm system Fire Alarm System Testing and maintenance procedures Testing and maintenance Login access levels False Alarms IF YOU ARE INTERESTED TO KNOW ALL THESE VALUABLE INFORMATION CLICK BUY NOW AND DON T WASTE YOUR TIME *National Fire Alarm and Signaling Code Handbook* Lee F. Richardson, Richard J. Roux, 2010

Notifier 320 Fire Alarm Panel Installation Manual Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the ability of words has be evident than ever. They have the capacity to inspire, provoke, and ignite change. Such is the essence of the book **Notifier 320 Fire Alarm Panel Installation Manual**, a literary masterpiece that delves deep into the significance of words and their affect our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

https://aunewmaster.loudmouthgolf.com/data/book-search/Download_PDFS/booktok_trending_fan_favorite.pdf

Table of Contents Notifier 320 Fire Alarm Panel Installation Manual

1. Understanding the eBook Notifier 320 Fire Alarm Panel Installation Manual
 - The Rise of Digital Reading Notifier 320 Fire Alarm Panel Installation Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Notifier 320 Fire Alarm Panel Installation Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Notifier 320 Fire Alarm Panel Installation Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Notifier 320 Fire Alarm Panel Installation Manual
 - Personalized Recommendations
 - Notifier 320 Fire Alarm Panel Installation Manual User Reviews and Ratings
 - Notifier 320 Fire Alarm Panel Installation Manual and Bestseller Lists

5. Accessing Notifier 320 Fire Alarm Panel Installation Manual Free and Paid eBooks
 - Notifier 320 Fire Alarm Panel Installation Manual Public Domain eBooks
 - Notifier 320 Fire Alarm Panel Installation Manual eBook Subscription Services
 - Notifier 320 Fire Alarm Panel Installation Manual Budget-Friendly Options
6. Navigating Notifier 320 Fire Alarm Panel Installation Manual eBook Formats
 - ePUB, PDF, MOBI, and More
 - Notifier 320 Fire Alarm Panel Installation Manual Compatibility with Devices
 - Notifier 320 Fire Alarm Panel Installation Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Notifier 320 Fire Alarm Panel Installation Manual
 - Highlighting and Note-Taking Notifier 320 Fire Alarm Panel Installation Manual
 - Interactive Elements Notifier 320 Fire Alarm Panel Installation Manual
8. Staying Engaged with Notifier 320 Fire Alarm Panel Installation Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Notifier 320 Fire Alarm Panel Installation Manual
9. Balancing eBooks and Physical Books Notifier 320 Fire Alarm Panel Installation Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Notifier 320 Fire Alarm Panel Installation Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Notifier 320 Fire Alarm Panel Installation Manual
 - Setting Reading Goals Notifier 320 Fire Alarm Panel Installation Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Notifier 320 Fire Alarm Panel Installation Manual
 - Fact-Checking eBook Content of Notifier 320 Fire Alarm Panel Installation Manual
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Notifier 320 Fire Alarm Panel Installation Manual Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories.

Another reliable platform for downloading Notifier 320 Fire Alarm Panel Installation Manual free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Notifier 320 Fire Alarm Panel Installation Manual free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Notifier 320 Fire Alarm Panel

Installation Manual free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Notifier 320 Fire Alarm Panel Installation Manual. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Notifier 320 Fire Alarm Panel Installation Manual any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Notifier 320 Fire Alarm Panel Installation Manual Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Notifier 320 Fire Alarm Panel Installation Manual is one of the best book in our library for free trial. We provide copy of Notifier 320 Fire Alarm Panel Installation Manual in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Notifier 320 Fire Alarm Panel Installation Manual. Where to download Notifier 320 Fire Alarm Panel Installation Manual online for free? Are you looking for Notifier 320 Fire Alarm Panel Installation Manual PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Notifier 320 Fire Alarm Panel Installation Manual. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try

this. Several of Notifier 320 Fire Alarm Panel Installation Manual are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Notifier 320 Fire Alarm Panel Installation Manual. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Notifier 320 Fire Alarm Panel Installation Manual To get started finding Notifier 320 Fire Alarm Panel Installation Manual, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Notifier 320 Fire Alarm Panel Installation Manual So depending on what exactly you are searching, you will be able tochoose ebook to suit your own need. Thank you for reading Notifier 320 Fire Alarm Panel Installation Manual. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Notifier 320 Fire Alarm Panel Installation Manual, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Notifier 320 Fire Alarm Panel Installation Manual is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Notifier 320 Fire Alarm Panel Installation Manual is universally compatible with any devices to read.

Find Notifier 320 Fire Alarm Panel Installation Manual :

BookTok trending fan favorite

advanced strategies alternate history novel

STEM for kids novel

investing simplified 2026 guide

phonics practice novel

vampire romance saga fan favorite

werewolf fantasy romance 2025 edition

phonics practice paperback

viral TikTok book global trend
primer emotional intelligence workbook
STEM for kids paperback
insights blockchain explained
time travel paradox hardcover
time travel paradox novel
side hustle blueprint complete workbook

Notifier 320 Fire Alarm Panel Installation Manual :

"The Blood Bay" by Annie Proulx - Curio Macabre Mar 26, 2021 — Three other cowboys happen by his frozen corpse and one of them, in need of boots, sees the dead man has the same boot size as him. The dead ... The Blood Bay Summary Sep 5, 2023 — Complete summary of Annie Proulx's The Blood Bay. eNotes plot summaries cover all the significant action of The Blood Bay. The Blood Bay Dec 20, 1998 — Annie Proulx is the author of "Fen, Bog & Swamp: A Short History of Peatland Destruction and Its Role in the Climate Crisis," which will be ... PLOT | the-blood-bay THE BLOOD BAY ... This story starts with the depiction of a foolish young man crossing Wyoming and freezes to death. He did not know the brutalities of the harsh ... at-close-range.pdf ANNIE PROULX is the acclaimed author of the short-story collection ... He glanced down at his rolled-up guests and said,. "Coffee's ready." The blood bay stamped ... Elements of a Story with "The Blood Bay" "The Blood Bay"-Annie Proulx. ○ Pull out your copy of "The Blood Bay" and ... "The Blood Bay"-Annie Proulx. ○ Find somebody who chose a different scene than ... Annie Proulx Week, Day 2 - The Blood Bay - Mirror with Clouds Jun 1, 2015 — Annie Proulx's "The Blood Bay", set in the 1880's, begins with a group of cowboys stumbling across a man who has frozen to death in the Wyoming ... The Blood Bay by Annie Proulx Short Story Analysis May 9, 2017 — The Blood Bay is an unexpectedly humorous tall tale in Annie Proulx's Close Range collection, also featuring Brokeback Mountain and similar ... The Blood Bay by Annie Proulx Dec 28, 1998 — Read 4 reviews from the world's largest community for readers. Short story by Annie Proulx published in The New Yorker December 28, 1998. Close Range: Wyoming Stories - The Blood Bay Summary ... Close Range: Wyoming Stories - The Blood Bay Summary & Analysis. E. Annie Proulx. This Study Guide consists of approximately 30 pages of chapter summaries, ... Lab 9 Distance Ladder answer key.pdf - Name: Lecture Lab 9 Distance Ladder answer key.pdf - Name: Lecture ... View full document. Doc ... Student Guide #8 - The Cosmic Distance Ladder Lab.pdf. SCIENCE 122-02. 7. Cosmic Distance Ladder Student Guide Answers Sheet Pdf Cosmic Distance Ladder. Student Guide Answers Sheet. Pdf. INTRODUCTION Cosmic Distance. Ladder Student Guide Answers Sheet. Pdf (Download Only) NSCI 110 UWB Wk 6 The Cosmic Distance Ladder ... Access 20 million homework answers, class notes, and study guides in our Notebank ... NSCI 110

UWB Wk 6 The Cosmic Distance Ladder Student Guide. Content type. Cosmic Ladder Lab 11 - Name The Cosmic Distance Ladder Module consists of material on seven different distance determination techniques. Four of the techniques have external simulators in ... NAAP.Lab.Cosmic.Distance.Ladder - Name Astro 1002 worksheets pages 135-138 · AST 1002 final exam study guide ... The Cosmic Distance Ladder - Student Guide. (Please type your answers in a red font). Links in the Cosmic Distance Ladder - Quiz & Worksheet Check your understanding of the cosmic distance ladder with this printable worksheet and interactive quiz. These practice assets will help you... Cosmic distance ladder A presentation and worksheet introduce different methods used by astronomers to measure distances in the Universe. Explain. Measuring the Universe 4: The cosmic ... 33 Video - Cosmic distance ladder Flashcards Study with Quizlet and memorize flashcards containing terms like The modern method to measure the distance to the Moon is using _____. A key to the cosmic ... The Cosmic Distance Ladder (version 4.1) - Terence Tao Oct 10, 2010 — For all its limitations it is fascinating to see the power of the human mind at answering questions which are well beyond man's physical ... Technology Made Simple for the Technical Recruiter ... Written in clear and concise prose, Technology Made Simple for the Technical Recruiter is an invaluable resource for any technical recruiter. Technology Made Simple for the Technical Recruiter, ... Written in clear and concise prose, Technology Made Simple for the Technical Recruiter is an invaluable resource for any technical recruiter. Technology Made Simple for the Technical Recruiter Technology Made Simple for the Technical Recruiter: A Technical Skills Primer ... This guidebook for technical recruiters is an essential resource for those who ... Technology Made Simple for the Technical Recruiter ... This technical skills primer focuses on technology fundamentals-from basic programming terms to big data vocabulary, network lingo, operating system jargon, and ... Technology Made Simple for the Technical Recruiter Sign up. Jump to ratings and reviews. Technology Made Simple for the Technical Recruiter: A Technical Skills Primer. Obi Ogbanufe. 4.00. 105 ratings11 reviews. Technology Made Simple for the Technical Recruiter Jul 9, 2010 — This guidebook for technical recruiters is an essential resource for those who are serious about keeping their skills up-to-date in the ... Technology Made Simple for the Technical Recruiter ... This technical skills primer focuses on technology fundamentals—from basic programming terms to big data vocabulary, network lingo, operating system jargon, and ... Technology Made Simple for the Technical Recruiter ... This technical skills primer focuses on technology fundamentals—from basic programming terms to big data vocabulary, network lingo, operating system jargon, and ... Technology Made Simple for the Technical Recruiter ... It is designed to equip recruiters with the necessary knowledge and understanding of technical roles, skills, and requirements. This book is not only a primer ... Technology Made Simple for the Technical Recruiter ... Buy the book Technology Made Simple for the Technical Recruiter, Second Edition: A Technical Skills Primer by obi ogbanufe at Indigo.